## We Claim:

## 1. A compound of the formula I

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wherein, for the case a)

R1 is hydrogen or  $-(C_1-C_6)$ -alkyl,

R2 is  $-(C_1-C_6)$ -alkyl, wherein, alkyl is substituted, one, two or three times, by

- 1.  $-(C_1-C_6)$ -alkyl-O- $(C_6-C_{14})$ -aryl,
- 2.  $-(C_0-C_6)$ -alkyl-N(R8)-C(O)-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, R8 is
  - i) hydrogen,

ii) –(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, independently of each other, by -NH<sub>2</sub>, -CN, -OH, -C(O)-OH, -C(O)-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, -C(O)-NH-OH, NO<sub>2</sub> or halogen, or

- iii) OH,
- 3. –(C(O)-N(R9)-(R10), wherein, R9 and R10 are identical or different and are, independently of each other,
  - i) hydrogen or
  - ii)  $-(C_1-C_6)$ -alkyl, or

R9 and R10 form, together with the nitrogen atom to which they are bonded, a 5-, 6- or 7-membered saturated ring, where a heteroatom from the series oxygen, sulfur and nitrogen can also replace one or two further carbon atoms and, in the case of nitrogen, the nitrogen atoms can, independently of each other, be unsubstituted or substituted by  $(C_1-C_6)$ -alkyl,

- 4. -(C<sub>6</sub>-C<sub>14</sub>)-aryl, wherein, aryl is substituted, one, two or three times, independently of each other, by
  - 4.1) -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-O-R8, wherein, R8 has the abovementioned meaning,
  - 4.2) -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-N(R9)-(R10), wherein, R9 and R10 have the abovementioned meaning,
  - 4.3)  $-(C_0-C_6)$ -alkyl-C(O)-NH-CN,

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	4.4)	-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein, Het is a saturated or unsaturated, monocyclic or bicyclic, 3- to 10-membered heterocyclic ring system which contains			
5		1, 2 or 3 identical or different ring heteroatoms from the series nitrogen, oxygen and sulfur and is unsubstituted			
		or substituted, one, two or three times, independently of			
		each other, by			
		a) halogen,			
		b) cyano,			
10		c) nitro,			
,		d) hydroxyl,			
		e) amino, f) –C(O)-O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl,			
15		<ul> <li>g) -C(O)-OH,</li> <li>h) -(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or</li> </ul>			
		substituted, one, two or three times, by halogen, i) -O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is unsubstituted			
		or substituted, one, two or three times, by halogen, or -N(R9)-(R10),			
20		j) =O,			
		k) -Het,			
		l) -(C <sub>2</sub> -C <sub>6</sub> )-alkenyl, wherein, alkenyl is unsubstituted or			
		substituted, one, two or three times, by halogen, or			
05		-N(R9)-(R10), or			
25		m) -(C <sub>2</sub> -C <sub>6</sub> )-alkynyl, wherein, alkynyl is unsubstituted			
		or substituted, one, two or three times, by halogen or			
	4.5)	-N(R9)-(R10), -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-OH,			
	4.6)	$-O-(C_0-C_6)$ -alkyl-C(O)-N(R9)-(R10), wherein, R9 and			
30	,	R10 have the abovementioned meaning,			
	4.7)	-S(O) <sub>y</sub> -(C <sub>1</sub> -C <sub>6</sub> )-alkyl-C(O)-O-R8, wherein, R8 has the			
	4.8)	abovementioned meaning and y is 1 or 2, -S(O) <sub>z</sub> -(C <sub>1</sub> -C <sub>6</sub> )-alkyl-C(O)-N(R9)-(R10), wherein, R9			
		and R10 have the abovementioned meaning and z is zero,			
35	4.9)	1 or 2, -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-C(O)-N(R8)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-N(R9)-(R10),			
		wherein, R8, R9 and R10 have the abovementioned			
		meaning,			

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	4.10)	$-(C_0-C_6)$ -alkyl-C(O)-N(R8)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein,
		R8 has the abovementioned meaning and Het has the
		abovementioned meaning and is unsubstituted or
		substituted, one, two or three times, independently of each
5		other, by the abovementioned radicals a) to m),
	4.11)	-( $C_0$ - $C_6$ )-alkyl- $C(O)$ -N(R8)-( $C_0$ - $C_6$ )-alkyl-( $C_6$ - $C_{14}$ )-aryl,
		wherein, aryl is unsubstituted or substituted, one, two or
		three times, independently of each other, by the
10	4.12)	abovementioned radicals a) to m), -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-N(R9)-(R10), wherein, R9 and R10 have
		the abovementioned meaning,
	4.13)	- $(CH_2)_y$ - $N(R8)$ - $C(O)$ - $(C_1$ - $C_6)$ -alkyl, wherein, alkyl is
		unsubstituted or substituted, one, two or three times,
		independently of each other, by the abovementioned
15		radicals a) to m) and y is 1 or 2,
	4.14)	$-(C_0-C_4)$ -alkyl-N(R8)-C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-(C <sub>6</sub> -C <sub>14</sub> )-
		aryl, wherein, aryl is unsubstituted or substituted, one,
		two or three times, independently of each other, by the
20	4.15)	abovementioned radicals a) to m),
20	4.15)	-( $C_0$ - $C_4$ )-alkyl-N(R8)-C(O)-( $C_0$ - $C_6$ )-alkyl-Het, wherein,
		Het is unsubstituted or substituted, one, two or three
		times, independently of each other, by the
	4.16)	abovementioned radicals a) to m), -(C <sub>0</sub> -C <sub>4</sub> )-alkyl-N(R8)-C(O)-O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein,
25		alkyl is unsubstituted or substituted, one, two or three
		times, independently of each other, by the
		abovementioned radicals a) to m),
	4.17)	- $(C_0-C_4)$ -alkyl-N(R8)-C(O)-O- $(C_1-C_6)$ -alkenyl, wherein,
		alkenyl is unsubstituted or substituted, one, two or three
30		times, independently of each other, by the
	4.18)	abovementioned radicals a) to m), -(C <sub>0</sub> -C <sub>4</sub> )-alkyl-N(R8)-C(O)-O-(C <sub>1</sub> -C <sub>6</sub> )-alkynyl, wherein,
		alkynyl is unsubstituted or substituted, one, two or three
		times, independently of each other, by the
35		abovementioned radicals a) to m),
	4.19)	$-(C_0-C_4)$ -alkyl-N(R8)-C(O)-O-( $C_0-C_6$ )-alkyl-( $C_6-C_{14}$ )-
		aryl, wherein, aryl is unsubstituted or substituted, one,
		two or three times, independently of each other, by the

abovementioned radicals a) to m),

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	4.20)	$-(C_0-C_4)-a$	alkyl-N(R8)-C(O)-O-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het,
		wherein, H	Het is unsubstituted or substituted, one, two or
		three time	es, independently of each other, by the
		abovement	tioned radicals a) to m),
5	4.21)	$-(C_0-C_4)-a$	$alkyl-N(R8)-C(O)-(C_0-C_6)-alkyl-N(R11)-R12,$
		wherein, F	R8 has the abovementioned meaning and R11
		and R12 a	re identical or different and are, independently
		of each oth	ner,
• 4.0		•	hydrogen,
10		4.21.2)	$-(C_1-C_6)$ -alkyl,
		4.21.3)	-( $C_0$ - $C_6$ )-alkyl-( $C_6$ - $C_{14}$ )-aryl, wherein, aryl
			is unsubstituted or substituted, one, two or
			three times, independently of each other, by
15		4.21.4)	the abovementioned radicals a) to m), $-(C_0-C_6)$ -alkyl-Het, wherein, Het is
			unsubstituted or substituted, one, two or three
			times, independently of each other, by the
			abovementioned radicals a) to m),
		4.21.5)	$-C(O)-(C_1-C_6)$ -alkyl, wherein, alkyl is
20			unsubstituted or substituted, one, two or three
			times, independently of each other, by the
			abovementioned radicals a) to m),
		4.21.6)	-C(O)-(C <sub>3</sub> -C <sub>6</sub> )-cycloalkyl, wherein,
			cycloalkyl is unsubstituted or substituted,
25			one, two or three times, independently of
			each other, by the abovementioned radicals a)
		4.21.7)	to m), $-C(O)-(C_0-C_6)$ -alkyl- $(C_6-C_{14})$ -aryl, wherein,
			aryl is unsubstituted or substituted, one, two
30			or three times, independently of each other,
			by the abovementioned radicals a) to m),
•		4.21.8)	$-C(O)-(C_0-C_6)$ -alkyl-Het, wherein, Het is
			unsubstituted or substituted, one, two or three
			times, independently of each other, by the
35		4.21.9)	abovementioned radicals a) to m), -SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
			unsubstituted or substituted, one, two or three
			times, independently of each other, by the
			abovementioned radicals a) to m),

	4.21.10) -NH-SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
	unsubstituted or substituted, one, two or three
	times, independently of each other, by the
E	abovementioned radicals a) to m),
5	4.21.11) $-SO_2-(C_0-C_6)$ -alkyl-( $C_6-C_{14}$ )-aryl-( $C_0-C_6$ )-
	alkyl, wherein, aryl is unsubstituted or
	substituted, one, two or three times,
	independently of each other, by the
10	abovementioned radicals a) to m), 4.21.12) -SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein, Het is
	unsubstituted or substituted, one, two or three
	times, independently of each other, by the
	abovementioned radicals a) to m),
4.23	2) $-(C_0-C_4)$ -alkyl-N(R8)-S(O) <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-(C <sub>6</sub> -C <sub>14</sub> )-
15	aryl, wherein, aryl is unsubstituted or substituted, one, two
	or three times, independently of each other, by the
	abovementioned radicals a) to m) and R8 has the
4.00	abovementioned meaning,
4.23	
20	Het is unsubstituted or substituted, one, two or three times,
	independently of each other, by the abovementioned
4.24	radicals a) to m) and R8 has the abovementioned meaning, 4) -(C <sub>0</sub> -C <sub>4</sub> )-alkyl-N(R8)-S(O) <sub>2</sub> -N(R8)-(C <sub>1</sub> -C <sub>6</sub> )-alkyl,
4.2	
25	wherein, alkyl is unsubstituted or substituted, one, two or
23	three times, independently of each other, by the
	abovementioned radicals a) to m) and R8 has the abovementioned meaning,
4.23	<u> </u>
	C <sub>14</sub> )-aryl, wherein, aryl is unsubstituted or substituted,
30	one, two or three times, independently of each other, by
	the abovementioned radicals a) to m) and R8 has the
	abovementioned meaning,
4.20	
0.5	wherein, Het is unsubstituted or substituted, one, two or
35	three times, independently of each other, by the
	abovementioned radicals a) to m) and R8 has the
	abovementioned meaning,

4.2	27)	$-(C_0-C_4)-alkyl-N(R8)-C(O)-N(R8)-SO_2-R13, \qquad \text{wherein,} \\$
		R8 has the abovementioned meaning and R13 is -( $C_1$ - $C_6$ )-
		alkyl or $-(C_0-C_6)$ -alkyl- $(C_6-C_{14})$ -aryl,
4.2	28)	$\hbox{-(C$_0$-C$_4$)-alkyl-S(O)$_2$-N(R8)-(C$_0$-C$_6$)-alkyl-(C$_6$-C$_{14}$)-}$
5		aryl, wherein, aryl is unsubstituted or substituted, one, two
		or three times, independently of each other, by the
		abovementioned radicals a) to m) and R8 has the
		abovementioned meaning,
4.2	29)	- $(C_0-C_4)$ -alkyl- $S(O)_2-N(R8)$ - $(C_0-C_6)$ -alkyl-Het, wherein,
10		Het is unsubstituted or substituted, one, two or three times,
		independently of each other, by the abovementioned
4.3	30)	radicals a) to m) and R8 has the abovementioned meaning, $-(C_0-C_4)$ -alkyl-S(O) <sub>2</sub> -N(R8)-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein,
		alkyl is unsubstituted or substituted, one, two or three
15		times, independently of each other, by the
		abovementioned radicals a) to m) and R8 has the
		abovementioned meaning,
4.3	31)	$-(C_0-C_4)$ -alkyl- $S(O)_2-(C_0-C_6)$ -alkyl- $(C_6-C_{14})$ -aryl,
•		wherein, aryl is unsubstituted or substituted, one, two or
20		three times, independently of each other, by the
		abovementioned radicals a) to m),
4.3	32)	- $(C_0-C_4)$ -alkyl- $S(O)_2-(C_0-C_6)$ -alkyl-Het, wherein, Het is
		unsubstituted or substituted, one, two or three times,
		independently of each other, by the abovementioned
25	>	radicals a) to m),
4	33)	-O-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein, Het is unsubstituted or
		substituted, one, two or three times, independently of each
4.2	2.4\	other, by the abovementioned radicals a) to m),
	34)	-(C <sub>0</sub> -C <sub>4</sub> )-alkyl-Het, wherein, Het is unsubstituted or
30		substituted, one, two or three times, independently of each
		other, by the abovementioned radicals a) to m), or
4.3	35)	-phenyl, wherein, the phenyl is unsubstituted or
		substituted, one, two or three times, by
35		4.35.1) halogen,
<b>55</b>		4.35.2) –(C <sub>1</sub> -C <sub>6</sub> )-alkyl, 4.35.3) -O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl or
		4.35.4) $-S(O)_2$ -R16, wherein, R16 is $(C_1-C_6)$ -alkyl or
		-NH <sub>2</sub> ,
		1112,

	5C(O)-N(R8)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-(C <sub>6</sub> -C <sub>14</sub> )-aryl wherein, aryl is unsubstituted
	or substituted, one, two or three times, independently of each
	other, by the abovementioned radicals 4.1) to 4.35) or 4.4) a) to
	4.4) m) and R8 has the abovementioned meaning,
5	6C(O)-N(R8)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het wherein, Het has the abovementioned
	meaning and is unsubstituted or substituted, one, two or three
	times, independently of each other, by the abovementioned
	radicals 4.1) to 4.35) or 4.4)a) to 4.4)m) and R8 has the
	abovementioned meaning, or
10	7NH-(C <sub>6</sub> -C <sub>14</sub> )-aryl wherein, aryl is unsubstituted or substituted, one, two
	or three times, independently of each other, by the
	abovementioned radicals 4.1) to 4.35) or 4.4) a) to 4.4) m), or
	8NH-Het wherein, Het has the abovementioned meaning and is
	unsubstituted or substituted, one, two or three times,
15	independently of each other, by the abovementioned radicals 4.1)
	to 4.35) or 4.4) a) to 4.4) m),
•	D2 D4 D5 D6 and D7 and identical and ifferent and are in Land at the C
	R3, R4, R5, R6 and R7 are identical or different and are, independently of
20	each other, 1.hydrogen,
20	2.halogen,
	3(C <sub>1</sub> -C <sub>6</sub> )-alkyl wherein, alkyl is unsubstituted or substituted, one, two or
	three times, by halogen,
	4O- $(C_1-C_6)$ -alkyl wherein, alkyl is unsubstituted or substituted, one, two
25	or three times, by halogen, or
	5S-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, or
	R4 and R5 or R5 and R6 form, together with the carbon atoms to which
	they are in each case bonded, independently of each other, a 5- or 6-
30	membered ring which is aromatic or saturated and contains zero, one or
	two heteroatoms from the series oxygen, nitrogen or sulfur, wherein, the
	ring is unsubstituted or is substituted, at one or at several carbon atoms,
	one or two times, by halogen, and the other radicals R3, R6 and R7 or R3,
	R4 and R7 have the abovementioned meaning of 1. to 5;
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or wherein, for the case b)

R1 is hydrogen or -(C<sub>1</sub>-C<sub>6</sub>)-alkyl,

is -(C1-C6)-alkyl, wherein, alkyl is substituted, one, two or three times, by R2

-C(O)-O-R8', wherein, R8' is 1. 1.1) hydrogen or 1.2)  $-(C_1-C_6)$ -alkyl, 2. -(C<sub>1</sub>-C<sub>6</sub>)-alkyl-O-R8', wherein, R8' has the abovementioned 5 meaning, 3. -(C<sub>6</sub>-C<sub>14</sub>)-aryl wherein, aryl is substituted, one, two or three times, independently of each other, by  $-(C_2-C_6)$ -alkyl-C(O)-O-R8' 3.1) wherein. R8' the has abovementioned meaning, 10  $-O-(C_1-C_6)$ -alkyl-C(O)-O-R8' 3.2)wherein, R8' the abovementioned meaning, 3.3) -N(R14)-(R15) wherein, R14 and R15 form, together with the nitrogen atom to which they are bonded, a 5-, 6- or 7membered saturated ring, wherein, a heteroatom from the 15 series oxygen, sulfur and nitrogen can also replace one or two further carbon atoms and, in the case of nitrogen, the nitrogen atoms can, independently of each other, be unsubstituted or substituted by (C<sub>1</sub>-C<sub>6</sub>)-alkyl, 3.4)  $-(CH_2)_k-N(R9')-(R10')$  wherein, k is 2, 3, 4 or 5 and R9' 20 and R10' are identical or different and are, independently of each other, 3.4.1) hydrogen or 3.4.2)  $-(C_1-C_6)$ -alkyl, or 25 R9' and R10' form, together with the nitrogen atom to which they are bonded, a 5-, 6- or 7-membered saturated ring, wherein, a heteroatom from the series oxygen, sulfur and nitrogen can also replace one or two further carbon atoms and, in the case of nitrogen, the nitrogen atoms can, independently of each other, be 30 unsubstituted or substituted by (C<sub>1</sub>-C<sub>6</sub>)-alkyl, 3.5) -O-(C2-C6)-alkyl-N(R9')-R10', wherein, R9' and R10' have the abovementioned meaning, 3.6)  $-N(R8')-C(O)-(C_1-C_6)-alkyl$ wherein, is unsubstituted or substituted, one, two or three times, by 35 3.6.1) halogen, 3.6.2) cyano, 3.6.3) nitro 3.6.4) hydroxyl,

3.6.5) amino,

5	3.7)	<ul> <li>3.6.6) -C(O)-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, or</li> <li>3.6.7) -C(O)-OH, and R8' has the abovementioned meaning,</li> <li>-phenyl, wherein, phenyl is unsubstituted or substituted, one, two or three times, by</li> <li>3.7.1) halogen,</li> <li>3.7.2) -(C<sub>1</sub>-C<sub>6</sub>)-alkyl,</li> </ul>
		3.7.3) $-O-(C_1-C_6)$ -alkyl,
10		3.7.4) $-S(O)_2$ -R16', wherein, R16' is $(C_1-C_6)$ -alkyl or $-NH_2$ ,
	4. Het,	wherein, Het is a saturated or unsaturated monocyclic or
15	bicyc conta series	lic, 3- to 10-membered heterocyclic ring system which ins 1, 2 or 3 identical or different ring heteroatoms from the nitrogen, oxygen and sulfur and is unsubstituted or lituted, one, two or three times, by
	4.1) 4.2)	halogen, cyano,
20	4.3) 4.4) 4.5) 4.6)	nitro, hydroxyl, amino, -C(O)-O(C <sub>1</sub> -C <sub>6</sub> )-alkyl,
25	4.7) 4.8) 4.9)	-C(O)-OH, -(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen, -O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen,
30	4.10) 4.11)	pyridyl, or

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R4 and R5 or R5 and R6 form, together with the carbon atoms to which they are in each case bonded, independently of each other, a 5- or 6-membered ring which is saturated and contains one or two heteroatoms from the series oxygen, nitrogen or sulfur, where the ring is unsubstituted or substituted, at one or at several carbon atoms, one or two times, by

halogen, and the other radicals R3, R6 and R7 or R3, R4 and R7 are hydrogen,

or a stereoisomer or a mixture of stereoisomers in any ratio of the compound of the formula I, or a pharmaceutically acceptable salt of the compound, stereoisomer or mixture of stereoisomers of the compound;

and a pharmaceutically acceptable carrier;

provided that the unsubstituted benzo[1,3]dioxole ring is excluded.

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2. A compound according to claim 1,

wherein, for the case a),

15 R1 is hydrogen or  $-(C_1-C_6)$ -alkyl,

R2 is -(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is substituted, one, two or three times, by

1.  $-(C_1-C_6)$ -alkyl-O- $(C_6-C_{14})$ -aryl,

2.  $-(C_0-C_6)$ -alkyl-N(R8)-C(O)-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, R8 is

i) hydrogen,

ii) -(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, independently of each other, by -NH<sub>2</sub>, -CN, -OH, -C(O)-OH, -C(O)-O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, -C(O)-NH-OH, NO<sub>2</sub> or halogen, or

iii) -OH,

3. -C(O)-N(R9)-(R10), wherein, R9 and R10 are identical or different and are, independently of each other,

i) hydrogen, or

ii) -(C1-C6)-alkyl, or

R9 and R10 form, together with the nitrogen atom to which they are bonded, a 5-, 6- or 7-membered saturated ring, wherein, a heteroatom from the series oxygen, sulfur and nitrogen can also replace one or two further carbon atoms and, in the case of nitrogen, the nitrogen atoms can, independently of each other, be unsubstituted or substituted by  $(C_1-C_6)$ -alkyl,

4. phenyl, wherein, phenyl is substituted, one, two or three times, independently of each other, by

4.1) -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-O-R8, wherein, R8 has the abovementioned meaning,

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- 4.2) -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-N(R9)-(R10), wherein, R9 and R10 have the abovementioned meaning,
- 4.3)  $-(C_0-C_6)$ -alkyl-C(O)-NH-CN,
- -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-(C<sub>0</sub>-C<sub>6</sub>)-alkyl-Het, wherein, Het is 4.4) a radical from the group: azepine, azetidine, aziridine, benzofuran, benzo[1,4]dioxin, benzimidazole, benzodioxole. 4H-benzo[1,4]oxazine, benzoxazole, benzothiazole, benzothiophene, quinazoline, quinoline, quinoxaline, chroman, cinnoline, 1,2-diazepine, 1,3diazepine, 1,4-diazepine, 1,4-dioxin, dioxole, furan, imidazole, indazole, indole, isoquinoline, isochroman, isoindole, isothiazole, isoxazole, morpholine, 1,2-oxazine, 1,3-oxazine, 1,4-oxazine, oxazole, oxiran, piperazine, piperidine, phthalazine, pyran, pyrazine, pyrazole, pyridoimidazole, pyridazine, pyridine, pyrimidine, pyridopyridine, pyridopyrimidine, pyrrole, pyrrolidine, tetrazole, 1,2-thiazine, 1,3-thiazine, 1,4-thiazine, thiazole, thiomorpholine, thiophene, thiopyran, 1,2,3-triazine, 1,3,5-triazine, 1,2,4-triazine, 1,2,3-triazole or 1,2,4triazole, and in which Het is unsubstituted or substituted, one, two or three times, independently of each other, by
  - a) halogen,
  - b) cyano,
  - c) nitro,
  - d) hydroxyl,
  - e) amino,
  - f)  $-C(O)-O-(C_1-C_6)$ -alkyl,
  - g) –C(O)-OH,
  - h) -(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen,
  - i) -O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen, or -N(R9)-(R10),
  - j) =O,
  - k) -Het, wherein, Het is defined as above,
  - l) -(C<sub>2</sub>-C<sub>6</sub>)-alkenyl, wherein, alkenyl is unsubstituted or substituted, one, two or three times, by halogen, or -N(R9)-(R10), or

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		m) -(C <sub>2</sub> -C <sub>6</sub> )-alkynyl, wherein, alkynyl is
		unsubstituted or substituted, one, two or three
5	4.5)	times, by halogen or -N(R9)-(R10), -( $C_0$ - $C_6$ )-alkyl-C(O)-( $C_0$ - $C_6$ )-alkyl-OH, -O-( $C_0$ - $C_6$ )-alkyl-C(O)-N(R9)-(R10), wherein, R9 and
	4.7)	R10 have the abovementioned meaning, -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-C(O)-N(R8)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-N(R9)-(R10),
10	4.8)	wherein, R8, R9 and R10 have the abovementioned meaning, $-(C_0-C_4)-\text{alkyl-N}(R8)-S(O)_2-(C_0-C_6)-\text{alkyl-Het},$
		wherein, Het is defined as above and is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m) and R8 has
15	4.9)	the abovementioned meaning, $-(C_0-C_4)$ -alkyl- $S(O)_2$ - $(C_0-C_6)$ -alkyl- $(C_6-C_{14})$ -phenyl,
		wherein, phenyl is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m),
20	4.10)	-( $C_0$ - $C_6$ )-alkyl- $C(O)$ - $N(R8)$ -( $C_0$ - $C_6$ )-alkyl-Het, wherein,
20		R8 has the abovementioned meaning and Het has the abovementioned meaning and is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m),
25	4.11)	$-(C_0-C_6)-alkyl-C(O)-N(R8)-(C_0-C_6)-alkyl-(C_6-C_{14})-alkyl-(C_6-C_6$
20		phenyl, wherein, phenyl is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m),
	4.12)	-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-N(R9)-(R10), wherein, R9 and R10 have
30	4.13)	the abovementioned meaning, -(CH <sub>2</sub> ) <sub>y</sub> -N(R8)-C(O)-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
	4.14)	unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m) and y is 1 or 2, -(C <sub>0</sub> -C <sub>4</sub> )-alkyl-N(R8)-C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-(C <sub>6</sub> -C <sub>14</sub> )-
35		phenyl, wherein, phenyl is unsubstituted or substituted, one, two or three times, independently of each other, by
	4.15)	the abovementioned radicals a) to m), $-(C_0-C_4)$ -alkyl-N(R8)-C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein,
		Het is unsubstituted or substituted, one, two or three

	times,	independently	of	each	other,	by	the
	•	entioned radicals			,	- 3	
4.16		ı)-alkyl-N(R8)-C(	•	•	5)-alkyl,	wh	erein,
	alkyl is	unsubstituted or	r subsi	tituted,	one, tw	o or	three
5	times,	independently	of	each	other,	by	the
		entioned radicals	•	• •			
4.17	) -(C <sub>0</sub> -C <sub>4</sub>	µ)-alkyl-N(R8)-C(	(O)-O-	(C <sub>1</sub> -C <sub>6</sub>	5)-alkeny	l, wh	erein,
	alkenyl	is unsubstituted	or sub	stituted	l, one, tv	vo or	three
	times,	independently	of	each	other,	by	the
10		entioned radicals	•				
4.18	) -(C <sub>0</sub> -C <sub>4</sub>	ı)-alkyl-N(R8)-C(	(O)-O-	$(C_1-C_6)$	5)-alkyny	l, wh	erein,
	alkynyl	is unsubstituted	or sub	stituted	l, one, tv	vo or	three
	times,	independently	of	each	other,	by	the
J 15 4.19		entioned radicals j)-alkyl-N(R8)-C(	•		5)-alkyl-(	С <sub>6</sub> -С	14)-
•	phenyl,	wherein, phenyl	is un	substiti	uted or s	ubsti	tuted.
		o or three times,					
		vementioned radio	_		-		, •
4.20	$-(C_0-C_4)$	)-alkyl-N(R8)-C(	O)-O-(	$(C_0-C_6)$	5)-alkyl-H	łet,	
20	wherein	, Het is defined a	as abo	ve and	is unsub	stitut	ed or
	substitu	ted, one, two or th	ree tir	nes, inc	dependen	tly of	each
		y the abovemention					
4.21)	) -(C <sub>0</sub> -C <sub>4</sub>	<sub>i</sub> )-alkyl-N(R8)-C(	O)-(C <sub>(</sub>	o-C <sub>6</sub> )-a	alkyl-N(F	k11)-l	R12,
	wherein	, R8 has the abo	vemer	itioned	meaning	g and	R11
25	and R12	2 are identical or	differe	ent and	are, inde	epend	lently
	of each	other,					
•	4.21.1)	hydrogen,					
	4.21.2)	$-(C_1-C_6)$ -alk		~ `			
	4.21.3)	$-(C_0-C_6)$ -alk	yl-(C <sub>6</sub>	-C <sub>14</sub> )- <sub>1</sub>	phenyl,	wh	erein,
30		phenyl is un	substi	tuted o	or substit	uted,	one,
		two or three	time	s, inde	pendentl	y of	each
		other, by the	above	ementi	oned rad	icals	a) to
	4.21.4)	m), -(C <sub>0</sub> -C <sub>6</sub> )-alk	yl-Het,	where	ein, Het	is de	fined
35		as above and	l is un	substit	uted or s	ubsti	tuted,
		one, two or					
		each other, by	y the a	bovem	entioned	radic	als a)
		to m),					

		4.21.5)	-C(O)-(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
5		4.21.6)	unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to m), -C(O)-(C <sub>3</sub> -C <sub>6</sub> )-cycloalkyl, wherein,
			cycloalkyl is unsubstituted or substituted, one, two or three times, independently of
10		4.21.7)	each other, by the abovementioned radicals a) to m), -C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-(C <sub>6</sub> -C <sub>14</sub> )-phenyl,
10		4.21.7)	wherein, phenyl is unsubstituted or substituted, one, two or three times,
15		4.21.8)	independently of each other, by the abovementioned radicals a) to m), -C(O)-(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein, Het is
			defined as above and is unsubstituted or substituted, one, two or three times, independently of each other, by the
20		4.21.9)	abovementioned radicals a) to m), -SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
			unsubstituted or substituted, one, two or three times, independently of each other, by the
		4.21.10)	abovementioned radicals a) to m), -NH-SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is
25			unsubstituted or substituted, one, two or three times, independently of each other, by the
		4.21.11)	abovementioned radicals a) to m), $-\mathrm{SO}_2\text{-}(\mathrm{C}_0\text{-}\mathrm{C}_6)\text{-alkyl-}(\mathrm{C}_6\text{-}\mathrm{C}_{14})\text{-phenyl-}(\mathrm{C}_0\text{-}$
			C <sub>6</sub> )-alkyl, wherein, phenyl is unsubstituted or
30			substituted, one, two or three times,
		4.21.12)	independently of each other, by the abovementioned radicals a) to m), -SO <sub>2</sub> -(C <sub>0</sub> -C <sub>6</sub> )-alkyl-Het, wherein, Het is
		,	defined as above and is unsubstituted or
35			substituted, one, two or three times,
			independently of each other, by the
			abovementioned radicals a) to m),
	4.22)	$-O-(C_0-C_6)$	alkyl-Het, wherein, Het is defined as above
		and is uns	substituted or substituted, one, two or three

USDEAV2002/0070 US NP 90 independently times. of each other, the abovementioned radicals a) to m), or 4.23) -(C<sub>0</sub>-C<sub>4</sub>)-alkyl-Het, wherein, Het is defined as above and is unsubstituted or substituted, one, two or three times, 5 independently of each other, by the abovementioned radicals a) to m), 5. -C(O)-N(R8)-( $C_0$ - $C_6$ )-alkyl-phenyl, wherein, phenyl is unsubstituted or substituted, one, two three times. independently of each other, by the abovementioned radicals 4.1) 10 to 4.23) or 4.4) a) to 4.4) m) and R8 has the abovementioned meaning, or 6.  $-C(O)-N(R8)-(C_0-C_6)$ -alkyl-Het, wherein, Het is azepine, azetidine, aziridine, benzimidazole, benzofuran, benzo[1,4]dioxin, 1,3-benzodioxole, 4H-benzo[1,4]oxazine, benzoxazole, 15 benzothiazole, benzothiophene, quinazoline, quinoline, quinoxaline, chroman, cinnoline, 1,2-diazepine, 1,3-diazepine, 1,4-diazepine, 1,4-dioxin, dioxole, furan, imidazole, indazole, indole, isoquinoline, isochroman, isoindole, isothiazole, isoxazole, morpholine, 1,2-oxazine, 1,3-oxazine, 1,4-oxazine, oxazole, 20 oxirane, piperazine, piperidine, phthalazine, pyran, pyrazine, pyrazole, pyridazine, pyridine, pyrimidine, pyridoimidazole, pyridopyridine, pyridopyrimidine, pyrrole, pyrrolidine, tetrazole, 1,2-thiazine, 1,3-thiazine, 1,4-thiazine, thiazole, thiomorpholine, thiophene, thiopyran, 1,2,3-triazine, 1,3,5-triazine, 1,2,4-triazine,

R3, R4, R5, R6 and R7 are identical or different and are, independently of each other,

and R8 has the abovementioned meaning,

1. hydrogen,

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- 2. halogen,
- 3.  $-(C_1-C_6)$ -alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen, or

1,2,3-triazole or 1,2,4-triazole, and Het is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals 4.1) to 4.4) or 4.4) a) to 4.4) m)

4. -O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen, or

R4 and R5 or R5 and R6 form, together with the carbon atoms to which they are in each case bonded, independently of each other, a dioxane, dioxole, dihydrofuran or furan ring, where the ring is unsubstituted or substituted, at one or at several carbon atoms, one or two times, by halogen and the other radicals R3, R6 and R7 or R3, R4 and R7 have the abovementioned meaning of 1. to 4.;

or wherein, for the case b),

10 R1 is hydrogen or  $-(C_1-C_4)$ -alkyl,

R2 is  $-(C_1-C_4)$ -alkyl, wherein, alkyl is substituted, one, two or three times, by

- 1. -C(O)-O-R8', wherein, R8' is
  - 1.1) hydrogen or
  - 1.2)  $-(C_1-C_4)$ -alkyl,

2. -(C<sub>1</sub>-C<sub>4</sub>)-alkyl-O-R8', wherein, R8' has the abovementioned meaning,

- 3. phenyl, wherein, phenyl is substituted, one, two or three times, independently of each other, by
  - 3.1) -(C<sub>2</sub>-C<sub>4</sub>)-alkyl-C(O)-O-R8', wherein, R8' has the abovementioned meaning,
  - 3.2) -O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl-C(O)-O-R8', wherein, R8' has the abovementioned meaning,
  - 3.3) -N(R14)-(R15) wherein, R14 and R15 form, together with the nitrogen atom to which they are bonded, a radical which can be derived from pyrrolidine, piperidine, pyrazolidine, pyrazine, tetrazine, imidazolidine, piperazine, isoxazolidine, morpholine, isothiazolidine or thiomorpholine, and, in the case of nitrogen, the nitrogen atoms can, independently of each other, be unsubstituted or substituted by (C<sub>1</sub>-C<sub>4</sub>)-alkyl,
  - 3.4) -(CH<sub>2</sub>)<sub>k</sub>-N(R9')-(R10') wherein, k is 2, 3, 4 or 5 and R9' and R10' are identical or different and are, independently of each other,
    - 3.4.1) hydrogen or
    - 3.4.2)  $-(C_1-C_6)$ -alkyl, or

R9' and R10' form, together with a nitrogen atom to which they are bonded, a radical which can be derived from pyrrolidine, piperidine, pyrazolidine, pyrazine,

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	•		tetrazin	e, imidazolidine, piperazine, isoxazolidine,			
			morpho	oline, isothiazolidine or thiomorpholine, and, in the			
			case of	nitrogen, the nitrogen atoms can, independently of			
			each o	ther, be unsubstituted or substituted by (C <sub>1</sub> -C <sub>4</sub> )-			
5			alkyl,				
		3.5)	-O-(C <sub>2</sub> -	C <sub>6</sub> )-alkyl-N(R9')-R10', wherein, R9' and R10'			
			have th	e abovementioned meaning,			
		3.6)	-N(R8'	)-C(O)-( $C_1$ - $C_6$ )-alkyl, wherein, alkyl is			
			unsubs	tituted or substituted, one, two or three times, by			
10			3.6.1)	halogen,			
			3.6.2)	cyano,			
-			3.6.3)	nitro			
			3.6.4)	hydroxyl,			
			3.6.5)	amino,			
15			3.6.7)	$-C(O)-O-(C_1-C_6)$ -alkyl, or			
			3.6.8)	-C(O)-OH, and R8' has the abovementioned			
				meaning,			
		3.7)	-phenyl	, wherein, phenyl is unsubstituted or substituted,			
			one, tw	o or three times, by			
20			3.7.1)	halogen,			
			3.7.2)	$-(C_1-C_6)$ -alkyl,			
			3.7.3)	$-O-(C_1-C_6)$ -alkyl, or			
			3.7.4)	-S(O) <sub>2</sub> -R16', wherein, R16' is (C <sub>1</sub> -C <sub>6</sub> )-alkyl or			
				$-NH_2$ ,			
25				•			
	4.	Het, wl	herein, I	Het is azepine, azetidine, aziridine, benzimidazole,			
		benzofi	uran,	benzo[1,4]dioxin, 1,3-benzodioxole, 4H-			
		benzo[]	1,4]oxaz	ine, benzoxazole, benzothiazole, benzothiophene,			
		quinazo	oline, q	uinoline, quinoxaline, chroman, cinnoline, 1,2-			
30		diazepi	ne, 1,3	-diazepine, 1,4-diazepine, 1,4-dioxin, dioxole,			
		furan,	imidazo	le, indazole, indole, isoquinoline, isochroman,			
		isoindo	le, isoth	niazole, isoxazole, morpholine, 1,2-oxazine, 1,3-			
		oxazine	e, 1,4-oz	kazine, oxazole, oxirane, piperazine, piperidine,			
		phthala	zine, p	yran, pyrazine, pyrazole, pyridazine, pyridine,			
35	1	pyrimic	line, py	ridoimidazole, pyridopyridine, pyridopyrimidine,			
	1	pyrrole	yrrole, pyrrolidine, tetrazole, 1,2-thiazine, 1,3-thiazine, 1				

thiazine, thiazole, thiomorpholine, thiophene, thiopyran, 1,2,3-triazine, 1,3,5-triazine, 1,2,4-triazine, 1,2,3-triazole or 1,2,4-

triazole, and Het is unsubstituted or substituted, one, two or three times, independently of each other, by 4.1) halogen,

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4.2) cyano,

- 4.3) nitro,
- 4.4) hydroxyl,
- 4.5) amino,
- 4.6)  $-C(O)-O(C_1-C_6)$ -alkyl,
- -C(O)-OH, 4.7)

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- 4.8) -(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen,
- 4.9) -O-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen,
- 4.10) pyridyl, or

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4.11) phenyl, wherein, phenyl is unsubstituted or substituted, one, two or three times, independently of each other, by a radical from the series halogen, -(C1-C6)-alkoxy and  $-(C_1-C_6)$ -alkyl, and

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R4 and R5 or R5 and R6 form, together with the phenyl ring and the carbon atoms to which they are in each case bonded, independently of each other, a ring system from the series benzo[1,4]dioxane, 2,3dihydrobenzofuran and 2,2-difluorobenzo[1,3]dioxole, and the other radicals R3, R6 and R7 or R3, R4 and R7 are hydrogen atom.

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3. A compound according to claim 1, wherein,

for the case a),

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- R1 is hydrogen,
- R2 is -(C<sub>1</sub>-C<sub>3</sub>)-alkyl, wherein, alkyl is substituted by
  - 1. phenyl, wherein, phenyl is substituted, one, two or three times, independently of each other, by
    - -CH<sub>2</sub>-C(O)-O-R8, wherein, R8 is hydrogen, methyl, ethyl, 1.1) propyl or butyl,

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1.2) -(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-N(R9)-(R10), wherein, R9 and R10 are hydrogen, methyl, ethyl, propyl or butyl, or R9 and R10 form, together with the nitrogen atom to which they are bonded, a radical which can be derived

from pyrrolidine, piperidine, pyrazolidine, pyrazine, imidazolidine, piperazine, isoxazolidine, morpholine, isothiazolidine or thiomorpholine, and, in the case of nitrogen, the nitrogen atoms can, independently of 5 each other, be unsubstituted or substituted by (C<sub>1</sub>-C<sub>4</sub>)alkyl, 1.3)  $-(C_0-C_4)$ -alkyl-C(O)-NH-CN, -O-(C<sub>0</sub>-C<sub>6</sub>)-alkyl-C(O)-N(R9)-(R10), wherein, R9 and 1.4) R10 have the meaning mentioned above under 1.2), 10 1.5)  $-(C_0-C_6)$ -alkyl-C(O)-N(R8)-(C<sub>0</sub>-C<sub>6</sub>)-alkyl-N(R9)-(R10), wherein, R8, R9 and R10 have the abovementioned meaning, 1.6) -C(O)-N(R8)-(C<sub>0</sub>-C<sub>2</sub>)-alkyl-Het, wherein, R8 has the abovementioned meaning and Het is azepine, azetidine, 15 aziridine, benzimidazole, benzofuran, benzo[1,4]dioxin, 1,3-benzodioxole, 4H-benzo[1,4]oxazine, benzoxazole, benzothiazole, benzothiophene, quinazoline, quinoline, quinoxaline, chroman, cinnoline, 1,2-diazepine, 1,3diazepine, 1,4-diazepine, 1,4-dioxin, dioxole, furan, 20 imidazole, indazole, indole, isoquinoline, isochroman, isoindole, isothiazole, isoxazole, morpholine, 1,2-oxazine, 1,3-oxazine, 1,4-oxazine, oxazole, oxirane, piperazine, piperidine, phthalazine, pyran, pyrazine, pyrazole, pyridazine, pyridine, pyrimidine, pyridoimidazole, 25 pyridopyridine, pyridopyrimidine, pyrrole, pyrrolidine, tetrazole, 1,2-thiazine, 1,3-thiazine, 1,4-thiazine, thiazole, thiomorpholine, thiophene, thiopyran, 1,2,3-triazine, 1,3,5-triazine, 1,2,4-triazine, 1,2,3-triazole or 1,2,4triazole, and Het is unsubstituted or substituted, one, two 30 or three times, independently of each other, by a) halogen b) cyano, nitro, c) d) hydroxyl, 35 e) amino, f)  $-C(O)-O-(C_1-C_4)$ -alkyl, -C(O)-OH, g)

h)

-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen,

i) -O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, wherein, alkyl is unsubstituted or substituted, one, two or three times, by halogen, or 1.7)  $-C(O)-N(R8)-(C_0-C_4)$ -alkyl-phenyl, wherein, phenyl is 5 unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to i), -CH<sub>2</sub>-N(R9)-(R10), wherein, R9 and R10 have the 1.8) abovementioned meaning, 10 1.9) -(CH<sub>2</sub>)<sub>v</sub>-N(R8)-C(O)-(C<sub>1</sub>-C<sub>4</sub>)-alkyl wherein,unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to i), and y is 1 or 2, 1.10)  $-(CH_2)_x$ -N(R8)-C(O)-(C<sub>0</sub>-C<sub>2</sub>)-alkyl-phenyl, wherein, 15 phenyl is unsubstituted or substituted, one, two or three independently of each other, the abovementioned radicals a) to i), and x is 0, 1 or 2, 1.11)-(CH<sub>2</sub>)<sub>x</sub>-N(R8)-C(O)-(C<sub>0</sub>-C<sub>2</sub>)-alkyl-Het, wherein, Het is unsubstituted or substituted, one, two or three times, 20 independently of each other, by the abovementioned radicals a) to i), and x is 0, 1 or 2,  $-(CH_2)_x$ -N(R8)-C(O)-O-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, wherein, alkyl is 1.12) unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned 25 radicals a) to i), and x is 0, 1 or 2, 1.13)-(CH<sub>2</sub>)<sub>x</sub>-N(R8)-C(O)-O-(C<sub>0</sub>-C<sub>4</sub>)-alkyl-phenyl,phenyl is unsubstituted or substituted, one, two or three independently of each other, abovementioned radicals a) to i), and x is 0, 1 or 2, 30 1.14)  $-(CH_2)_x$ -N(R8)-C(O)-O-(C<sub>0</sub>-C<sub>4</sub>)-alkyl-Het wherein, Het is unsubstituted or substituted, one, two or three times, independently of each other, by the abovementioned radicals a) to i), and x is 0, 1 or 2, -(CH<sub>2</sub>)<sub>x</sub>-N(R8)-C(O)-N(R11)-R12, wherein, R8 and x 1.15) 35 have the abovementioned meaning and R11 and R12 are identical or different and are, independently of each other, 1.15.1) hydrogen, 1.15.2) methyl, ethyl, propyl or butyl,

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		1.15.3) -(C <sub>0</sub> -C <sub>2</sub> )-alkyl-phenyl, wherein, phenyl is unsubstituted or substituted, one, two or three times, independently of each other, by the	
5		abovementioned radicals a) to i),	
5		1.15.4) -(C <sub>0</sub> -C <sub>2</sub> )-alkyl-Het, in which Het is	
		unsubstituted or substituted, one, two or three	
		times, independently of each other, by the	
		abovementioned radicals a) to i),	
10		1.15.5) $-C(O)-(C_1-C_4)$ -alkyl,	
10		1.15.6) $-C(O)-(C_0-C_2)$ -alkyl-phenyl,	
		1.15.7) $-C(O)-(C_0-C_2)$ -alkyl-Het,	
		1.15.8) $-SO_2-(C_1-C_4)$ -alkyl,	
		1.15.9) $-SO_2-(C_0-C_4)$ -alkyl-phenyl, or 1.15.10) $-SO_2-(C_0-C_2)$ -alkyl-Het,	
15		1.13.10) $-3O_2-(C_0-C_2)$ -alkyl-net,	
13		R3, R4, R5, R6 and R7 are identical or different and are, independently of	
		each other,	
		1. hydrogen,	
		2. halogen,	
20 -		3(C <sub>1</sub> -C <sub>6</sub> )-alkyl, wherein, alkyl is unsubstituted or substituted, one,	
		two or three times, by halogen,	
		4O-(C <sub>1</sub> -C <sub>6</sub> )-alkyl in which alkyl is unsubstituted or substituted,	
		one, two or three times, by halogen, or	
		R4 and R5 or R5 and R6 form, together with the carbon atoms to which	
25		they are bonded, independently of each other, a dioxane, dioxole,	
		dihydrofuran or furan ring and the other radicals R3, R6 and R7 or R3,	
		R4 and R7 have the abovementioned meaning of 1. to 4.,	
	or who	erein, for the case b),	
30			
	R1	is hydrogen,	
	R2	is -(C <sub>1</sub> -C <sub>2</sub> )-alkyl, wherein, alkyl is substituted, one, two or three times, by	
		1C(O)-O-R8', wherein, R8' is	
		1.1) hydrogen or	
35		1.2) $-(C_1-C_2)$ -alkyl,	
		2. phenyl, wherein, phenyl is substituted, one, two or three times,	
		independently of each other, by,	
		2.1) -O-(C <sub>2</sub> -C <sub>4</sub> )-alkyl-N(R9')-R10', wherein, R9' and R10'	

are, independently of each other, hydrogen, methyl or

5	ethyl, or R9' and R10' form, together with the nitrogatom to which they are bonded, a radical which can derived from pyrrolidine, piperidine, piperazi morpholine or thiomorpholine, and, in the case piperazine, the second nitrogen atom can be substituted.	be ne, of
	by methyl or ethyl,	•-
	2.2) -O-(C <sub>1</sub> -C <sub>2</sub> )-alkyl-C(O)-O-R8', wherein, R8' independently of each other, hydrogen, methyl or ethyl	is,
	2.3) -N(R14)-(R15) wherein, R14 and R15 form, together w	
10	the nitrogen atom to which they are bonded, a radi	
	which can be derived from pyrrolidine, piperidi	
	pyrazolidine, pyrazine, tetrazine, imidazolidi	-
	piperazine, isoxazolidine, morpholine, isothiazolidine	•
	thiomorpholine, and, in the case of nitrogen, the nitrog	
15	atoms can, independently of each other, be unsubstitu	
	or substituted by methyl or ethyl,	
	2.4) $-(CH_2)_k$ -N(R9')-(R10') wherein, k is 2, 3 or 4 and R9' a	ınd
	R10' are identical or different and are, independently	of
	each other, hydrogen, methyl or ethyl, or	
20	R9' and R10' form, together with the nitrogen atom	to
	which they are bonded, a radical which can be derive	/ed
	from pyrrolidine, piperidine, piperazine, morpholine	or
	thiomorpholine, and, in the case of piperazine, the second	nd
	nitrogen atom can be substituted by methyl or ethyl, and	d
25	R4 and R5 or R5 and R6 form, together with the phenyl ring and	the
	carbon atoms to which they are in each case bonded, independently	
	each other, a ring system from the series benzo[1,4]dioxane, 2	-
	dihydrobenzofuran and 2,2-difluorobenzo[1,3]dioxole, and the other states of the control of the	ner
20	radicals R3, R6 and R7 or R3, R4 and R7 are hydrogen.	
30	4. The compound according to claim 1 wherein, the compound is:	
	pyrimidine-4,6-carboxylic acid 4-(3-methoxybenzylamide) 6-(4-propylcarbamo	yl
	benzylamide),	•

35

pyrimidine-4,6-carboxylic acid 4-(4-isopropylcarbamoylbenzylamide) 6-(3-methoxybenzylamide),

	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-
	phenyl]carboxyamino isopropyl ester,
	pyrimidine-4,6-carboxylic acid 4-(3-methoxybenzylamide)
5	6-[(2-phenoxyethyl)amide],
	(5-{[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}pentyl)-carboxyamino methyl ester,
10	pyrimidine-4,6-carboxylic acid 4-[4-(2-dimethylaminoethylcarbamoyl)-benzylamide] 6-(3-methoxybenzylamide),
15	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)-amide] 6-[4-(2-dimethylaminoethylcarbamoyl)benzylamide],
13	pyrimidine-4,6-carboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-[4-(2-dimethylaminoethylcarbamoyl)benzylamide],
20	pyrimidine-4,6-carboxylic acid 4-dimethylcarbamoylmethylamide 6-(3-methoxybenzylamide),
	[4-({[6-(3-aminobenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino tert-butyl ester,
25	pyrimidine-4,6-dicarboxylic acid 4-(3-chlorobenzylamide) 6-(4-fluoro-3-methylbenzylamide),
30	pyrimidine-4,6-dicarboxylic acid 4-[(2-chloropyridin-4-ylmethyl)amide] 6-(4-fluoro-3-methylbenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-benzylamide 6-(4-fluoro-3-methylbenzylamide),
35	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[(pyridin-4 ylmethyl)amide],
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-(pyridin-3-ylmethyl)amide],

pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-{4-[2-(4-methylpiperazin-1-yl)-2-oxoethyl]benzylamide}, pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 5 6-[4(2-morpholin-4-yl-2-oxoethoxy)benzylamide], pyrimidine-4,6-carboxylic acid 4-(4-diethylcarbamoylmethoxybenzylamide) 6-(4fluoro-3-methylbenzylamide), 10 pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(isopropylcarbamoylmethyl)benzylamide], pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-{4-[(2-morpholin-4-ylethylcarbamoyl)methyl]benzylamide}, 15 pyrimidine-4,6-carboxylic acid 4-(4-diethylcarbamoylmethylbenzylamide) 6-(4fluoro-3-methylbenzylamide), pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 20 6-[4-(2-morpholin-4-yl-2-oxoethyl)benzylamide], pyrimidine-4,6-carboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(isopropylcarbamoylmethoxy)benzylamide], 25 pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[(pyridin-3ylmethyl)amide], pyrimidine-4,6-carboxylic acid 4-(3-methoxybenzylamide) 6-({[(pyridin-4ylmethyl)carbamoyl]methyl}amide), 30 pyrimidine-4,6-carboxylic acid 4-({[(2-chloropyridin-4-ylmethyl)carbamoyl]methyl}amide) 6-(3-methoxybenzylamide), pyrimidine-4,6-carboxylic acid 4-(3-chloro-4-fluorobenzylamide) 35 6-({[(2-chloropyridin-4-ylmethyl)carbamoyl]methyl}amide), [4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)phenyl]carboxyamino isobutyl ester,

	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino ethyl ester,
5	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino allyl ester,
	pyrimidine-4,6-carboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-[4-(1-methylpiperidin-3-yloxy)benzylamide],
10	pyrimidine-4,6-carboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-({[(pyridin-3-ylmethyl)carbamoyl]methyl}amide),
45	pyrimidine-4,6-carboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2-morpholin-4-ylethylcarbamoyl)benzylamide],
15	pyrimidine-4,6-carboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2-pyrrolidin-1-yl-ethylcarbamoyl)benzylamide],
20	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)amide] 6-[(2'-sulfamoylbiphenyl-2-ylmethyl)amide];
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(thiophen-2-ylmethyl)amide],
25	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(5-methylfuran-2-ylmethyl)amide],
30	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(5-methylfuran-2-ylmethyl)amide],
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(5-pyridin-2-ylthiophen-2-ylmethyl)amide],
35	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(pyridin-3-ylmethyl)amide];
·	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)amide] 6-[(pyridin-3-ylmethyl)amide];

	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-
	6-ylmethyl)amide] 6-[(5-methylfuran-2-ylmethyl)amide],
	manimidine 4.6 conhequalie esid 4.5(2.2 dibudushannas [1.4] dienin
5	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-
3	6-ylmethyl)amide] 6-[(thiophen-2-ylmethyl)amide];
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
	[(5-methylisoxazol-3-ylmethyl)amide],
10	
10	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
	[(1-methyl-1H-pyrazol-4-ylmethyl)amide],
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
	[(2,5-dimethylfuran-3-ylmethyl)amide];
15	
	pyrimidine-4,6-carboxylic acid 4-[(6-aminopyridin-3-ylmethyl)amide]
	6-[(2,3-dihydrobenzofuran-5-ylmethyl)amide];
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
20	[(1-methyl-1H-pyrrol-2-ylmethyl)amide],
	pyrimidine-4,6-carboxylic acid 4-[(1H-benzoimidazol-2-ylmethyl)amide] 6-[(2,3-
	dihydrobenzofuran-5-ylmethyl)amide],
25	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
	[(pyrazin-2-ylmethyl)amide],
	pyrimidine-4,6-carboxylic acid 4-[(2,2-difluorobenzo[1,3]dioxol-
30	5-ylmethyl)amide] 6-[(pyridin-4-ylmethyl)amide],
30	({6-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)carbamoyl]pyrimidine-
	4-carbonyl}amino)acetic acid methyl ester,
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
35	[(2-methyl-1H-imidazol-4-ylmethyl)amide],
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-
	[(2-pyridin-2-ylethyl)amide],

	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-{[3-(4-fluorophenyl)-1H-pyrazol-4-ylmethyl]amide};
5	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)amide] 6-[4-(3-dimethylaminopropoxy)benzylamide],
	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)amide] 6-[4-(2-dimethylaminoethoxy)benzylamide],
10	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzo[1,4]dioxin-6-ylmethyl)amide] 6-[3-(2-dimethylaminoethoxy)benzylamide],
<b>1</b> E	pyrimidine-4,6-carboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(pyridin-4-ylmethyl)amide],
15	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-(4-[3'-methylsulfonyl]ureidobenzylamide),
20	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(4-oxopiperidine-1-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(4-oxopiperidine-1-carbonyl)benzylamide],
25	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(4-oxopiperidine-1-carbonyl)benzylamide],
30	pyrimidine-4,6-dicarboxylic acid 4-[4-(4-hydroxypiperidine-1-carbonyl) benzylamide] 6-(3-methoxybenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(4-hydroxypiperidine-1-carbonyl)benzylamide],
35	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(4-hydroxypiperidine-1-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(thiomorpholine-4-carbonyl)benzylamide],

pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(thiomorpholine

	-4-carbonyl)benzylamide],
5	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(thiomorpholine-4-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(3-oxopiperazine-1-carbonyl)benzylamide],
10	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(3-oxopiperazine-1-carbonyl)benzylamide],
15	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(3-oxopiperazine-1-carbonyl)benzylamide],
15	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(2-hydroxyethylcarbamoyl)benzylamide],
20	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(2-hydroxyethylcarbamoyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-{4-[(pyridin-4-ylmethyl)carbamoyl]benzylamide},
25	pyrimidine-4,6-dicarboxylic acid 4-(4-cyanocarbamoylbenzylamide) 6-(4-fluoro-3-methylbenzylamide),
30	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(3-morpholin-4-ylpropylcarbamoyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(3-morpholin-4-yl-propylcarbamoyl)benzylamide],
35	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(4-methylpiperazine-1-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-

 $\{ \hbox{$4-$[(pyridin-$4-$ylmethyl)$carbamoyl]$benzylamide} \},$ 

	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-(4-[3'-methylsulfonyl]ureidobenzylamide),
5	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-(4-[3-methylsulfonyl]ureidobenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-(4-N-cyanocarbamoylbenzylamide) 6-[(2,3-dihydrobenzofuran-5-ylmethyl)amide],
10	pyrimidine-4,6-dicarboxylic acid 4-(4-N-cyanocarbamoylbenzylamide) 6-(3-methoxybenzylamide),
15	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(morpholine-4-carbonyl)benzylamide],
15	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-(3-[3'-methylsulfonyl]ureidobenzylamide),
20	pyrimidine-4,6-dicarboxylic acid 4-(4-hydroxycarbamoylbenzylamide) 6-(3-methoxybenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(hydroxycarbamoylmethylcarbamoyl)benzylamide],
25	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(1-methylpiperidin-3-yloxy)benzylamide],
00	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(2-piperazin-1-ylethylcarbamoyl)benzylamide],
30	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-(4-hydroxycarbamoylbenzylamide),
35	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-(4-hydroxycarbamoylbenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(1-

methylpiperidin-3-yloxy)benzylamide],

	pyrimidine-4,6-dicarboxylic acid 4-(4-tert-butylcarbamoylbenzylamide) 6-(3-methoxybenzylamide),
5	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-{4-[methyl-(1-methylpiperidin-4-yl)carbamoyl]benzylamide},
	{4-[({6-[(2,3-dihydrobenzofuran-5-ylmethyl)carbamoyl]pyrimidine-4-carbonyl}amino)methyl]benzoylamino}acetic acid,
10	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(2-pyrrolidin-1-yl-ethylcarbamoyl)benzylamide],
15	pyrimidine-4,6-dicarboxylic acid 4-{4-[4-(2-dimethylaminoethyl)piperazine-1-carbonyl]benzylamide} 6-(3-methoxybenzylamide),
10	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-(4-[3'-methylsulfonyl]ureidobenzylamide),
20	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[3-(2-morpholin-4-ylethylcarbamoyl)benzylamide],
	[4-({[6-(4-fluoro-3-methylbenzylcarbamoyl)pyrimidin-4-carbonyl]amino}-methyl)benzoylamino]acetic acid,
25	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2-piperazin-1-ylacetylamino)benzylamide],
20	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(2-morpholin-4-yl-ethylcarbamoyl)benzylamide],
30	[4-({[6-(4-fluoro-3-methylbenzylcarbamoyl)pyrimidin-4-carbonyl]-amino}methyl)benzoylamino]acetic acid methyl ester,
35	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[3-(morpholine-4-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-{4-[(piperidin-4-ylmethyl)carbamoyl]benzylamide},

	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(piperidin-4-ylcarbamoyl)benzylamide],
5	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[4-(piperidin-4-ylcarbamoyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-{4-[methyl-(1-methylpiperidin-4-yl)carbamoyl]benzylamide},
10	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-[(4-methyl-3,4-dihydro-2H-benzo[1,4]oxazin-7-ylmethyl)amide],
15	pyrimidine-4,6-dicarboxylic acid 4-(4-fluoro-3-methylbenzylamide) 6-{4-[(piperidin-4-ylmethyl)carbamoyl]benzylamide},
13	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(4-methyl-piperazine-1-carbonyl)benzylamide],
20	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(4-pyridin-4-ylpiperazine-1-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2-morpholin-4-ylacetylamino)benzylamide],
25	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(morpholine-4-carbonyl)benzylamide],
30	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-(4-[p-toluenesulfonyl]ureidobenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)-amide] 6-[4-(4-methylpiperazine-1-carbonyl)benzylamide],
35	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(2-pyrrolidin-1-yl-ethylcarbamoyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-(4-[3'-phenylsulfonyl]ureidobenzylamide),

	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(2-morpholin-4-yl-ethylcarbamoyl)benzylamide],
5	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(2-pyrrolidin-1-ylethoxy)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-[4-(3-cyclohexanecarbonylureido)-benzylamide]-6-(3-methoxybenzylamide),
10	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-{4-[3-(pyridine-3-carbonyl)ureido]benzylamide},
<b>1</b> <i>E</i>	pyrimidine-4,6-dicarboxylic acid 4-[4-(3-isobutyrylureido)benzylamide] 6-(3-methoxybenzylamide),
15	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2-pyrrolidin-1-ylacetylamino)benzylamide],
20	pyrimidine-4,6-dicarboxylic acid 4-[(4-chlorothiophen-2-ylmethyl)amide] 6-[(2,3-dihydrobenzofuran-5-ylmethyl)amide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-{4-[2-(2-oxo-pyrrolidin-1-yl)acetylamino]benzylamide},
25	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-methyl)amide] 6-[(thiophen-3-ylmethyl)amide],
30	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(3-methylthiophen-2-ylmethyl)amide],
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[(5-methylthiophen-2-ylmethyl)amide],
35	pyrimidine-4,6-dicarboxylic acid 4-[4-(2-dimethylaminoacetylamino)-benzylamide] 6-(3-methoxybenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-[(2,3-dihydrobenzofuran-5-ylmethyl)amide] 6-[4-(2-morpholin-4-ylethoxy)benzylamide],

	pyrimidine-4,6-dicarboxylic acid 4-[4-(3-cyclohexylureido)benzylamide] 6-(3-methoxybenzylamide),
5	pyrimidine-4,6-dicarboxylic acid 4-{4-[3-(2,6-dichloropyridin-4-yl)ureido] benzylamide} 6-(3-methoxybenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-[4-(3-tert-butylureido)benzylamide] 6-(3-methoxybenzylamide),
10	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl) phenyl]carboxyamino but-2-ynyl ester,
15	pyrimidine-4,6-dicarboxylic acid 4-(4-ethanesulfonylaminobenzylamide) 6-(3-methoxybenzylamide),
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(thiophene-2-sulfonylamino)benzylamide],
20	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(2,2,2-trifluoroethanesulfonylamino)benzylamide],
	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidin-4-carbonyl]amino}-methyl)phenyl]carboxyamino methyl ester,
25	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}-methyl)phenyl]carboxyamino prop-2-ynyl ester,
30	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidin-4-carbonyl]amino}methyl)-phenyl]carboxyamino 2-methoxyethyl ester,
	[4-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino 4-fluorophenyl ester,
35	pyrimidine-4,6-dicarboxylic acid 4-[4-(3-benzoylureido)benzylamide] 6-(3-methoxybenzylamide),
	[3-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino but-2-ynyl ester,

	[3-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-phenyl]carboxyamino prop-2-ynyl ester,
	phonys, jour control 2 y hyr cotor,
5	[3-({[6-(3-methoxybenzylcarbamoyl)pyrimidine-4-carbonyl]amino}methyl)-
5	phenyl]carboxyamino isopropyl ester,
	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-[4-(2-pyrrolidin-1-ylethylcarbamoyl)benzylamide],
	pyrronam i yromyrounoyryounzyramiaej,
10	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(morpholine-4-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-{4-[(pyridin-
15	4-ylmethyl)carbamoyl]benzylamide},
	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-(4-
	diethylcarbamoylbenzylamide),
00	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-[4-
20	(morpholine-4-carbonyl)benzylamide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-[4-
	(2-morpholin-4-ylethylcarbamoyl)benzylamide],
25	pyrimidine-4,6-dicarboxylic acid 4-{4-[2-(2,6-dimethylpiperidin-1-yl)-2-oxoethyl]benzylamide} 6-(4-fluoro-3-methylbenzylamide),
	entyrjoenzylannue, o-(4-muoro-3-memytoenzylannue),
	pyrimidine-4,6-dicarboxylic acid 4-(3-methoxybenzylamide) 6-[4-(1-methyl-piperidin-3-yloxy)benzylamide],
30	piperiam 5 yloxy)cenzylamaej,
	pyrimidine-4,6-dicarboxylic acid 4-(4-diethylcarbamoylbenzylamide) 6-(3-methoxybenzylamide),
35	pyrimidine-4,6-dicarboxylic acid 4-[(2-chloropyridin-4-ylmethyl)amide] 6-[(2,3-dihydrobenzofuran-5-ylmethyl)amide],
	pyrimidine-4,6-dicarboxylic acid 4-(3-chloro-4-fluorobenzylamide) 6-(4-methanesulfonylaminobenzylamide), or
	· · · · · · · · · · · · · · · · · · ·

pyrimidine-4,6-dicarboxylic acid 4-(4-methanesulfonylbenzylamide) 6-(3-methoxybenzylamide).

- 5. A process for preparing a compound according to claim 1, comprising,
  - a) reacting a compound of formula II

with a compound of formulas IIIa or IIIb

wherein, R1, R2, R3, R4, R5, R6 and R7 have the meanings given in formula I and Y is halogen, hydroxyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy or forms, together with the carbonyl group, an active ester or a mixed anhydride, with a compound of the formula I being formed, and the reaction products are converted, where appropriate, into their physiologically tolerated salts,

b) reacting a compound of the formula II with a compound of the formulas IIIa or IIIb to give a compound of formulas IVa or IVb

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or

wherein, R1 to R7 have the meanings given in formula I and Y is halogen, hydroxyl or C<sub>1</sub>-C<sub>4</sub>-alkoxy, or forms, together with the carbonyl group, an active ester or a mixed anhydride, and the compound of the formulas IVa or IVb is purified, where appropriate, and then converted, with a compound of the formulas IIIa or IIIb, into a compound of the formula I.

5

Y)

6. A pharmaceutical composition comprising a pharmaceutically effective amount of the compound according to claim 1 and a pharmaceutically acceptable carrier.

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7. A method for producing a pharmaceutical for the prophylaxis and therapy of a disease associated with an increase in the activity of matrix metalloproteinase 13, in a patient in need thereof, comprising administering to such patient a pharmaceutically effective amount of a compound according to claim 1.

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8. The method according claim 7, wherein, the disease is a degenerative joint disease, cartilage loss following joint trauma or relatively long joint immobilization following a meniscus or patella injury or a ligament rupture, a disease of the connective tissue, a wound healing disturbance, a chronic disease of the locomotory apparatus or a cancer disease.

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The method according to claim 8 wherein, the degenerative joint disease is osteoarthrosis or spondylosis.

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 The method according to claim 8 wherein, the disease of the connective tissue is collagenosis, a periodontal disease, myalgia or a disturbance of bone metabolism.

11. The method according to claim 8 wherein, the chronic disease of the locomotory apparatus is inflammatory, immunologically-determined or metabolism-determined acute or chronic arthritis or arthropathy.

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12. The method according to claim 8 wherein, the cancer disease is breast cancer.